

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/050808 A1

(51) International Patent Classification⁷: **H02G 13/00**,
F03D 11/00

(21) International Application Number:
PCT/EP2003/012134

(22) International Filing Date: 31 October 2003 (31.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (*for all designated States except US*): VESTAS
WIND SYSTEMS A/S [DK/DK]; Smed Sørensens Vej 5,
DK-6950 Ringkøbing (DK).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): HIBBARD, Paul
[GB/DK]; Vesterport 8 A., st.tv., DK-8000 Århus C (DK).

(74) Agent: BUDDE, SCHOU & OSTENFELD A/S; Vester
Søgade 10, DK-1601 København (DK).

(81) Designated States (*national*): AE, AG, AL, AM, AT (util-
ity model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,

CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (util-
ity model), DE, DK (utility model), DK, DM, DZ, EC, EE
(utility model), EE, EG, ES, FI (utility model), FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT (utility
model), PT, RO, RU, SC, SD, SE, SG, SK (utility model),
SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

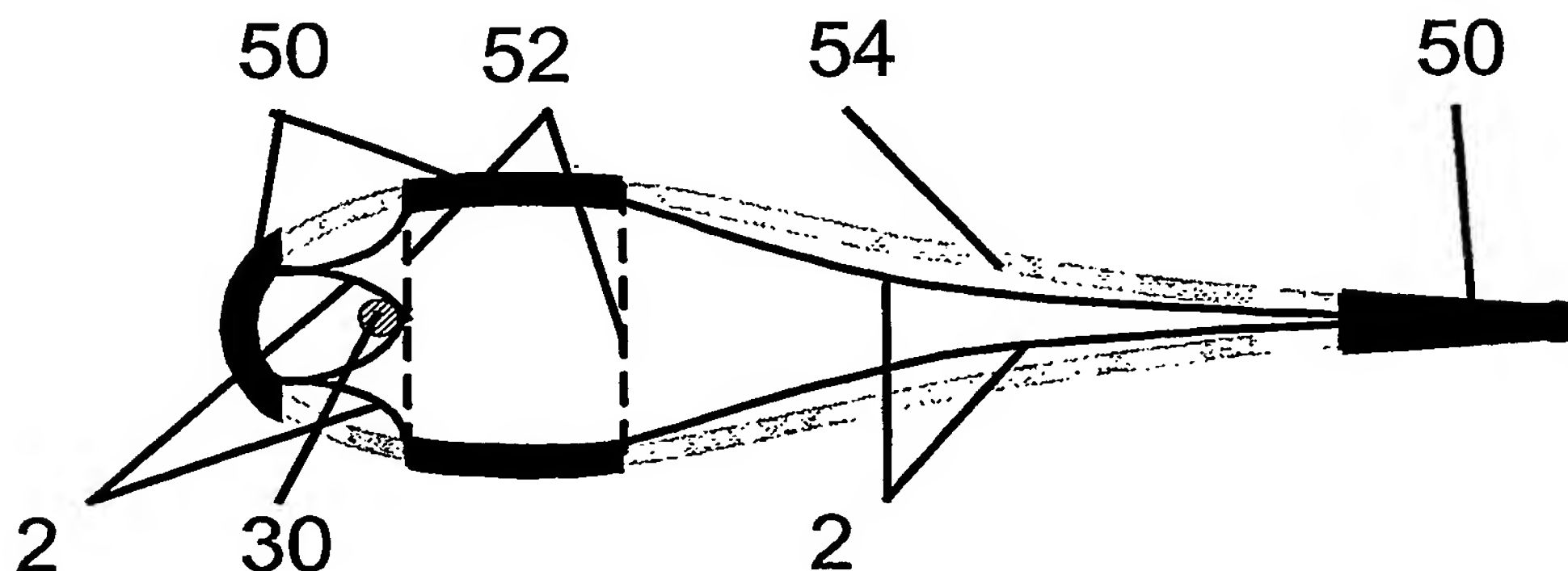
(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: MEMBER FOR POTENTIAL EQUALISING



(57) Abstract: A member for potential equalising in a wind turbine blade between a first conducting member, such as a member comprising carbon fibres, and a second conducting member, such as a lightning conductor is provided. Furthermore, methods for manufacturing of such members for potential equalising are provided. The member for potential equalising comprises a first contact part suitable for connection to a conducting member comprising carbon fibres, a second contact part and an electrical conductor between the contact parts and the first contact part, wherein the first contact part is shaped substantially as a ribbon.

WO 2005/050808 A1